

Material	Amount and dosage of material	Certification period
Chlorpyrifos .....	6.0 lb (2.7 kg) a.i./acre .....	10 weeks (after exposure period has been completed).

*Exposure Period:* 48 hours.

*Method*

1. Apply a single broadcast application of chlorpyrifos with ground equipment.

2. Immediately after treatment, water the treated areas with at least ½ inch of water. Chlorpyrifos wettable powder Dursban® 50-WP: Follow label directions for regulatory treatment for IFA.

9. Soil—Bulk

*Method:* Bulk soil is eligible for movement when heated either by dry or steam heat after all parts of the mass have been brought to the required temperature.

*Temperature:* 150° F (65.5° C).

*Certification Period:* As long as protected from recontamination.

10. Soil Samples

Soil samples are eligible for movement when heated or frozen as follows:

Heat

*Method:* Soil samples are heated either by dry heat or steam heat. All parts of the mass must be brought to the required temperature.

*Temperature:* 150° F (65.5° C).

*Certification Period:* As long as protected from recontamination.

Cold

*Method:* Soil samples are frozen in any commercial cold storage, frozen food locker, or home freezer capable of rapidly reducing to and maintaining required temperature. Soil samples will be placed in containers, such as plastic bags—one sample per bag. The containers will be arranged in the freezer in a manner to allow the soil samples to freeze in the fastest possible time. If desired, the frozen samples may be shipped in one carton.

*Temperature:* -10° to -20° F (-23° to -29° C) for at least 24 hours.

*Certification Period:* As long as protected from recontamination.

D. *Mitigative Measures.* The following measures are required to minimize impact on the environment and human health. Any person requesting certification to authorize the movement of regulated articles must adhere to these measures where applicable.

1. All applicable Federal, State, and local environmental laws and regulations must be followed.

2. Safety equipment and clothing, as specified by the label instructions, must be used and worn during treatments and during inspections.

3. Safety practices shall be communicated, and regulated establishment managers must require that on-the-job safety practices be followed.

4. All pesticides must be applied, handled, stored, and used in accordance with label instructions.

5. Empty pesticide containers must be disposed of in accordance with Federal and State regulations.

6. Pesticide remaining in containers after completion of an application must be retained and disposed of in accordance with label instructions and Federal and State regulations.

7. Oral or written warning must be provided to workers and the general public, indicating pesticide application areas during application and appropriate reentry periods.

8. Owners/managers of regulated properties must take precautions to limit access by the public, livestock, and wildlife to treated areas.

9. Accidental spill or water runoff of liquid or granular pesticides leading to potential contamination of ground and surface waters must be minimized by appropriate operating procedures. Catchment facilities (temporary or permanent) adequate to prevent contamination of ground and surface water are necessary in loading areas where liquid drenches and immersions are applied.

10. An environmental monitoring plan, including monitoring procedures, must be implemented by APHIS. Monitoring must be conducted to determine if additional mitigative measures are necessary.

[57 FR 57327, Dec. 4, 1992, as amended at 58 FR 57954, Oct. 28, 1993; 59 FR 48779, Sept. 23, 1994; 59 FR 67609, Dec. 30, 1994; 62 FR 30740, June 5, 1997; 64 FR 27659, May 21, 1999; 64 FR 57970, Oct. 28, 1999; 64 FR 60334, Nov. 5, 1999; 65 FR 30341, May 11, 2000]

**Subpart—Unshu Oranges  
[Reserved]**

**Subpart—Golden Nematode**

SOURCE: 37 FR 24330, Nov. 16, 1972, unless otherwise noted.

## QUARANTINE AND REGULATIONS

**§ 301.85 Quarantine; restriction on interstate movement of specified regulated articles.**

(a) *Notice of quarantine.* Pursuant to the provisions of sections 8 and 9 of the Plant Quarantine Act of August 20, 1912, as amended, and section 106 of the Federal Plant Pest Act (7 U.S.C. 161, 162, 150ee), the Secretary of Agriculture heretofore determined after public hearing that it was necessary to quarantine the State of New York in order to prevent the spread of the golden nematode (*Heterodera rostochiensis*), which causes a dangerous disease of potatoes and certain other plants, and not theretofore widely prevalent or distributed within and throughout the United States. Therefore, under the authority of said provisions, the Secretary hereby continues to quarantine the State of New York, with respect to the interstate movement from the quarantined State of the articles described in paragraph (b) of this section, issues the regulations in this subpart governing such movement, and gives notice of said quarantine and regulations.

(b) *Quarantine restrictions on interstate movement of specified regulated articles.* No common carrier or other person shall move interstate from any quarantined State any of the following articles (defined in § 301.85–1(q) as regulated articles), except in accordance with the conditions prescribed in this subpart:

(1) Soil, compost, humus, muck, peat, and decomposed manure, separately or with other things.

(2) Plants with roots, except soil-free aquatic plants.

(3) Grass sod.

(4) Plant crowns and roots for propagation.

(5) True bulbs, corms, rhizomes, and tubers of ornamental plants.

(6) Irish potatoes included within any one or more of the following paragraph (b)(6)(i), (ii), or (iii) of this section:

(i) Irish potatoes for seed; and

(ii) Irish potatoes unless—

(A) Each is at least 1½ inches in diameter based on measurement by a sizing screen or sizing chain, each is substantially free of soil as a result of grading (a method of removing soil me-

chanically) under a compliance agreement in accordance with § 301.85–5(b), and they are moved in an approved container; or

(B) Each is substantially free of soil as a result of washing or fluming under a compliance agreement in accordance with § 301.85–5(b), and they are moved in an approved container; or

(iii) Irish potatoes harvested from a field tested and found by an inspector to contain an identifiable population of viable golden nematodes, unless such field had been subsequently treated in accordance with paragraph (b)(6)(ii) (A), (B), or (C) of this section under the supervision of an inspector and in accordance with any additional conditions found necessary by the inspector to assure effective application of the pesticide used; and unless headlands and farm roads are treated in accordance with paragraph (b)(6)(iii)(D) of this section:

(A) Applications of 140.3 liters of Vorlex (1,3 dichloropropene; 1,2 dichloropropane, and other related compounds, 80 percent; plus methyl isothiocyanate, 20 percent active ingredients) per hectare (15 gallons per acre); two applications 5 to 10 days apart with a third application 5 to 10 days after the second application to areas in which the inspector finds upon microscopic examination of soil samples that viable golden nematodes may still exist; soil to be from 3°C to 29°C (38°F to 84°F).

(B) Applications of 280.6 liters of D-D (1,3 dichloropropene; 1,2 dichloropropane, and other related compounds, 100 percent active ingredients) per hectare (30 gallons per acre); two applications 5 to 10 days apart with a third application 5 to 10 days after the second application to areas in which the inspector finds upon microscopic examination of soil samples that viable golden nematodes may still exist (consult product label for heavier dosage in muck or peat soils); soil to be from 4.5 °C to 29 °C (40 °F to 84 °F).

(C) Applications of 168.4 liters of Telone II (1,3 dichloropropene, 92 percent active ingredient) per hectare (18 gallons per acre); two applications 5 to 10 days apart with a third application 5 to 10 days after the second application to areas in which the inspector finds

upon microscopic examination of soil samples that viable golden nematodes may still exist (consult product label for heavier dosage in muck or peat soils); soil to be from 4.5 °C to 32 °C (40 °F to 90 °F).

(D) Application of Vapam (sodium-N-methyl dithiocarbamate, 32.7 percent active ingredient) mixed with water at the rate of 1 part Vapam to 60 parts water and applied as a drench at the rate of 14.96 cubic meters per hectare (1600 gallons per acre); soil to be from 4.5 °C to 32 °C (40 °F to 90 °F).

(7) Root crops other than Irish potatoes.

(8) Small grains and soybeans.

(9) Hay, straw, fodder, and plant litter, of any kind.

(10) Ear corn, except shucked ear corn.

(11) Used crates, boxes, and burlap bags, and other used farm products containers.

(12) Used farm tools.

(13) Used mechanized cultivating equipment and used harvesting equipment.

(14) Used mechanized soil-moving equipment.

(15) Any other products, articles, or means of conveyance of any character whatsoever, not covered by paragraphs (b) (1) through (14) of this section, when it is determined by an inspector that they present a hazard of spread of golden nematode, and the person in possession thereof has been so notified.

[37 FR 24330, Nov. 16, 1972, as amended at 47 FR 12331, Mar. 23, 1982]

#### § 301.85-1 Definitions.

Terms used in the singular form in this subpart shall be deemed to import the plural and vice versa, as the case may demand. The following terms, when used in this subpart shall be construed respectively to mean:

(a) *Certificate*. A document issued or authorized to be issued under this subpart by an inspector to allow the interstate movement of regulated articles to any destination.

(b) *Compliance agreement*. A written agreement between a person engaged in growing, handling, or moving regulated articles, and the Plant Protection and Quarantine Programs, wherein the former agrees to comply with the re-

quirements of this subpart identified in the agreement by the inspector who executes the agreement on behalf of the Plant Protection and Quarantine Programs as applicable to the operations of such person.

(c) *Deputy Administrator*. The Deputy Administrator of the Plant Protection and Quarantine Programs, Animal and Plant Health Inspection Service, U.S. Department of Agriculture, or any other officer or employee of said service to whom authority to act in his stead has been or may hereafter be delegated.

(d) *Farm tools*. An instrument worked or used by hand, e.g., hoes, rakes, shovels, axes, hammers, and saws.

(e) *Generally infested area*. Any part of a regulated area not designated as a suppressive area in accordance with § 301.85-2.

(f) *Golden nematode*. The nematode known as the golden nematode (*Heterodera rostochiensis*), in any stage of development.

(g) *Infestation*. The presence of the golden nematode or the existence of circumstances that make it reasonable to believe that the golden nematode is present.

(h) *Inspector*. Any employee of the Plant Protection and Quarantine Programs, Animal and Plant Health Inspection Service, U.S. Department of Agriculture, or other person, authorized by the Deputy Administrator to enforce the provisions of the Quarantine and regulations in this subpart.

(i) *Interstate*. From any State into or through any other State.

(j) *Limited permit*. A document issued or authorized to be issued by an inspector to allow the interstate movement of noncertifiable regulated articles to a specified destination for limited handling, utilization or processing or for treatment.

(k) *Mechanized cultivating equipment; and mechanized harvesting equipment*. Mechanized equipment used for soil tillage, including tillage attachments for farm tractors, e.g., tractors, disks, plows, harrows, planters, and subsoilers; mechanized equipment used for harvesting purposes, e.g., combines, potato conveyors, and harvesters and hay balers.